ASSIGNMENT-2

Assignment Date	15 September 2022
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Student Roll Number	312319104125

Question- 1:

1. Create a Flask App

2. Add a Home page, about page

3. Add the Bootstrap

4. Add the Sign in page and Signup page

Solution:

HTML:

Home Page:
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Rakesh Lakshmanan HOME</title>
    <link rel="stylesheet" href="../../static/css/index.css">
</head>
<body>
<div id="nav-container">
<div class="logo">
    <div id="BASV">
        <h1>Rakesh</h1>
    </div>
</div>
    <div class="navlink">
        <ul id="nav-link" >
            <li>
                <a href="/About">About</a>
            </li>
            <li>
                <a href="/login">Login</a>
            </li>
            <li>
                <a href="/Reg">Sign Up</a>
            </li>
        </ul>
    </div>
</div>
<div class="container">
<div class="typewriter">
    <h1>Welcome to Rakesh Home Page...</h1>
</div>
</div>
</body>
```
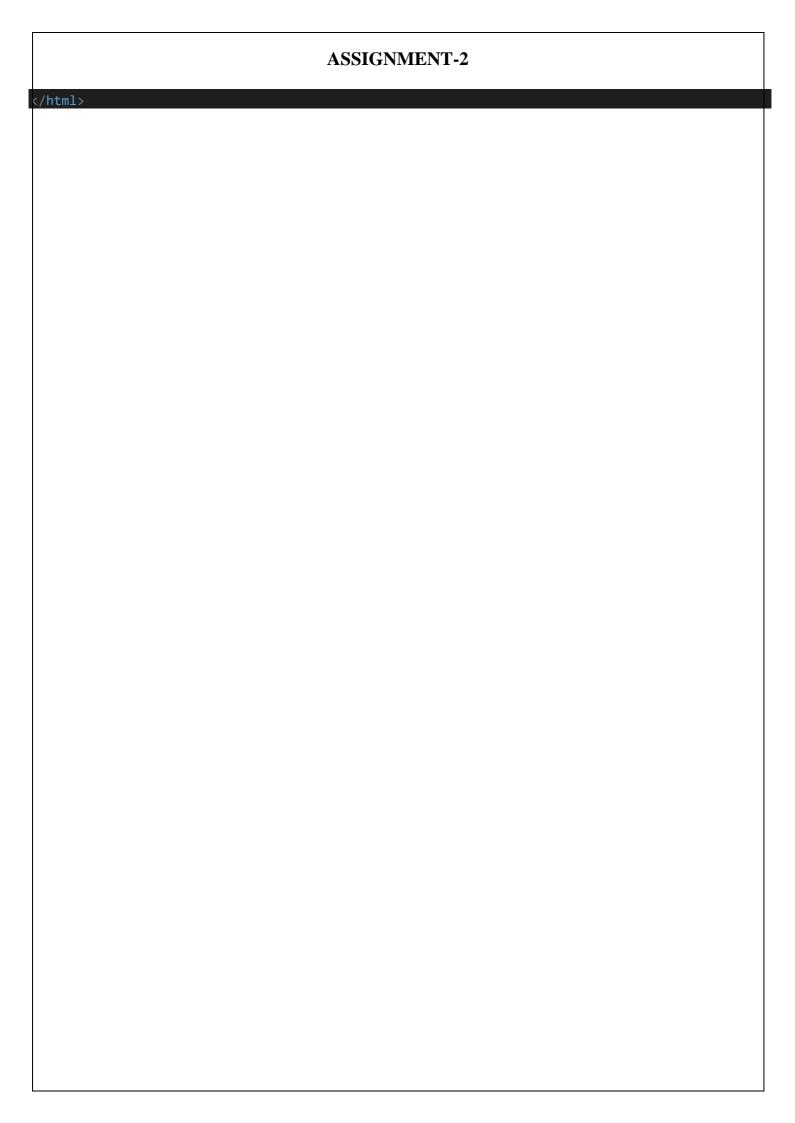
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</html>

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About Page:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Assignment 1</title>
    <link rel="stylesheet" href="../css/indexcss.css">
</head>
<body>
<div class="header">
    <div class="photo">
        <img src="Passport_Photo.jpg" alt="photo">
    </div>
    <div class="name">
        <h1>Rakesh L</h1>
        <h2>B.E CSE</h2>
        <h3>St.Jospeh's College of Engineering</h3>
        <div style="display: flex;justify-content: center;">
            <a href="https://github.com/rakeshlakshmanan">
                <img src="https://img.icons8.com/material-sharp/24/000000/github.png"
alt="github">
            </a>

            <a href="https://www.codechef.com/users/sk_euit511">
                <img src="https://img.icons8.com/ios-filled/30/000000/codechef.png"
alt="codechief"/>
            </a>
        </div>
    </div>
</div>
<div class="content">
    <p>Hi I am Rakesh,<br><br>
    <ul>
        <li> I am Currently pursuing Bachelors degree in CSE at <strong>St.Jospeh's College of
Engineering</strong></li>
        <li> And I Completed My Diploma Studies in <strong>CIT-SANDWICH POLYTECHNIC
COLLEGE.</strong></li>
        <li> And I Did My Schooling in <strong>SRI RANGANATHAR MATRICULATION HIGHER SECONDARY
SCHOOL.</strong><br>
        </li>
        <li>I did 2 Project in My College
            <ul>
                <li><strong>Emergency Case System</strong></li>
                <li><strong>Dynamic Website Development</strong></li>
            </ul>
        </li>
    </ul>
</div>
<div class="contact">
    <form class="forms">
        <h1>Contact</h1>
        <div class="name">
```
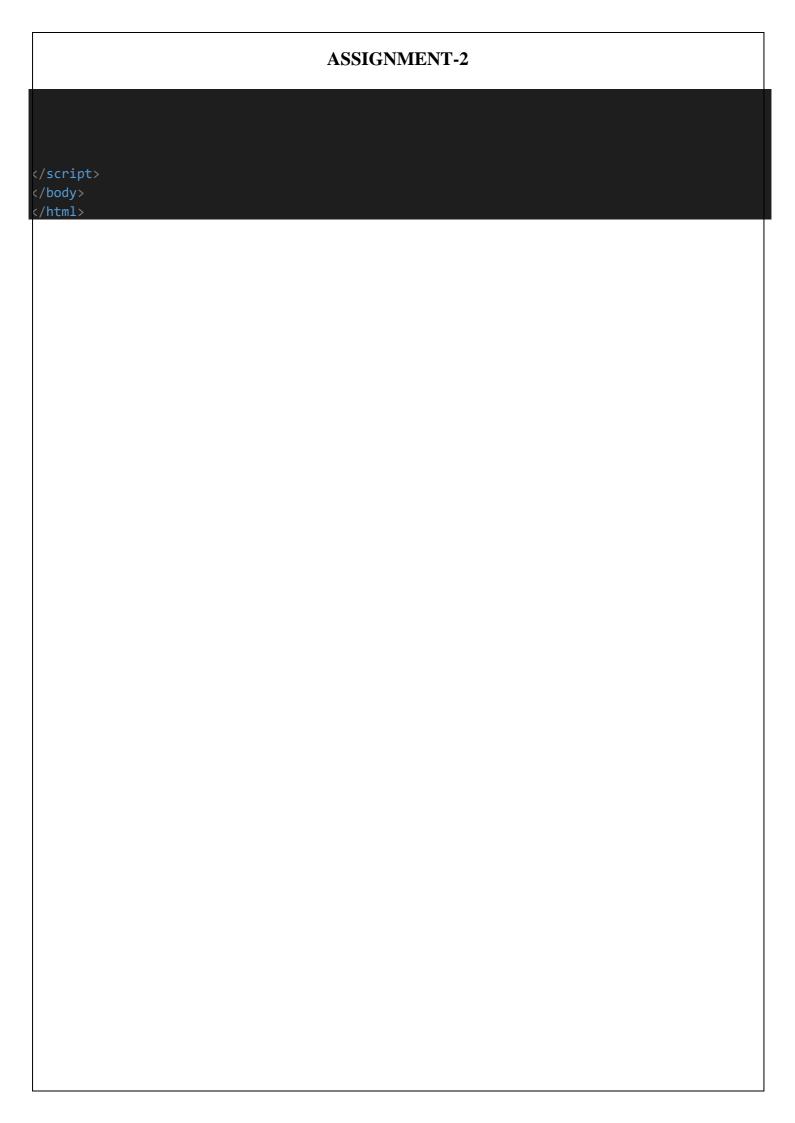
```
        <label>
            <input type="text" placeholder="Name">
        </label>
    </div>
    <div class="mail">
        <label>
            <input type="text" placeholder="Mail Id">
        </label>
    </div>
    <div class="button">
        <button><b>SUBMIT</b></button>
    </div>
    </form>
</div>
</body>
</html>
```

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Sign In Page:

Sign In Page:

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```html
<!DOCTYPE html>
<html lang="en" xmlns="http://www.w3.org/1999/html">
<head>
    <meta charset="UTF-8">
    <title>Login</title>
    <link rel="stylesheet" href="../../static/css/login.css">
    <link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
</head>
<body>
<form id="forms" action="#" method="post">
    <h1>LOGIN</h1>
    <div class="user">
        <i class="fas fa-user"></i>
            <input type="text" placeholder="Mail ID" name="mail" id="mail">
        <small></small>
    </div>
    <div class="password">
        <i class="fas fa-lock"></i>
            <input type="password" placeholder="Password" name="password" id="password">
        <br>
        <small></small>
    </div>
    <div class="button">
        <button><b>LOGIN</b></button>
        <button type="button"><a href="/Reg"><b>REGISTER</b></a></button>
    </div>
</form>


</body>
</html>
```

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Signup Page:

Signup Page:

```html
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <title>Registration</title>
         <link rel="stylesheet" href="../../static/css/reg.css">
         <link rel="stylesheet"
href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css">
</head>
<body>
<div class="container">
    <header>
        <div class="header">
            <h2>CREATE ACCOUNT</h2>
        </div>
    </header>
    <form id="forms" method="post">
        <div class="part1" >
            <div class="form_controller">
                <label>USER NAME</label>
                <input type="text" placeholder="USER NAME" id="username" name="username">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <div class="form_controller">
                <label>FIRST NAME</label>
                <input type="text" placeholder="Full Name" id="fullname" name="fullname">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <div class="form_controller">
                <label>MAIL ID</label>
                <input type="email" placeholder="Enter Your mailID" id="mailid" name="mailid">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <div class="form_controller">
                <label>PASSWORD</label>
                <input type="password" placeholder="Enter password" id="password"
name="password">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <div class="form_controller">
                <label>CONFIRM PASSWORD</label>
                <input type="password" placeholder="Enter password" id="conpassword"
name="conpassword">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
        </div>
```

```html
        <!--part2-->
        <div class="more"> <h4>MORE</h4> </div>

        <div class="part2">
        <div class="form_controller">
            <label>GENDER</label>
            <div class="radio">
                <input type="radio" id="male" name="gender" value="male">MALE
                <input type="radio" id="female" name="gender" value="female">FEMALE
                <input type="radio" id="other" name="gender" value="others">OTHERS
            </div>
        </div>
            <div class="form_controller">
                <label>DOB</label>
                <input type="date" id="dob" name="dob">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <div class="form_controller">
                <label>MOBILE NUMBER</label>
                <input type="text" placeholder="Your Mobile Number" id="phno" name="phno">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <div class="form_controller">
                <label>BLOOD GROUP</label>
                <input type="text" placeholder="YOUR BLOOD GROUP" id="bld" name="bld">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <div class="form_controller">
                <label>CITY</label>
                <input type="text" placeholder="YOUR CITY" id="city" name="city">
                <i class="fas fa-check-circle"></i>
                <i class="fas fa-exclamation-circle"></i>
            </div>
            <button>Submit</button>
        </div>
    </form>
</div>
<script>
    morebutton = document.querySelector(".more"),
    nextpart2 = document.querySelector(".part2"),
    contain = document.querySelector(".container");

morebutton.addEventListener("click",() =>
{
    nextpart2.classList.add("part2adding");
    contain.classList.add("contain");
    morebutton.classList.add("nextbutton");
})
```

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```
</script>
</body>
</html>
```

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Python Flask (app.py):

```python
from flask import Flask, render_template
Appli = Flask(__name__)
@Appli.route('/')
def home():
    return render_template('html/index.html')
@Appli.route('/login')
def login():
    return render_template('html/login.html')
@Appli.route('/Reg')
def Registration():
    return render_template('html/Registration.html')

@Appli.route('/About')
def about():
    return render_template('html/About.html')
if __name__ == '__main__':
    Appli.run()
```

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